

FIG. 1

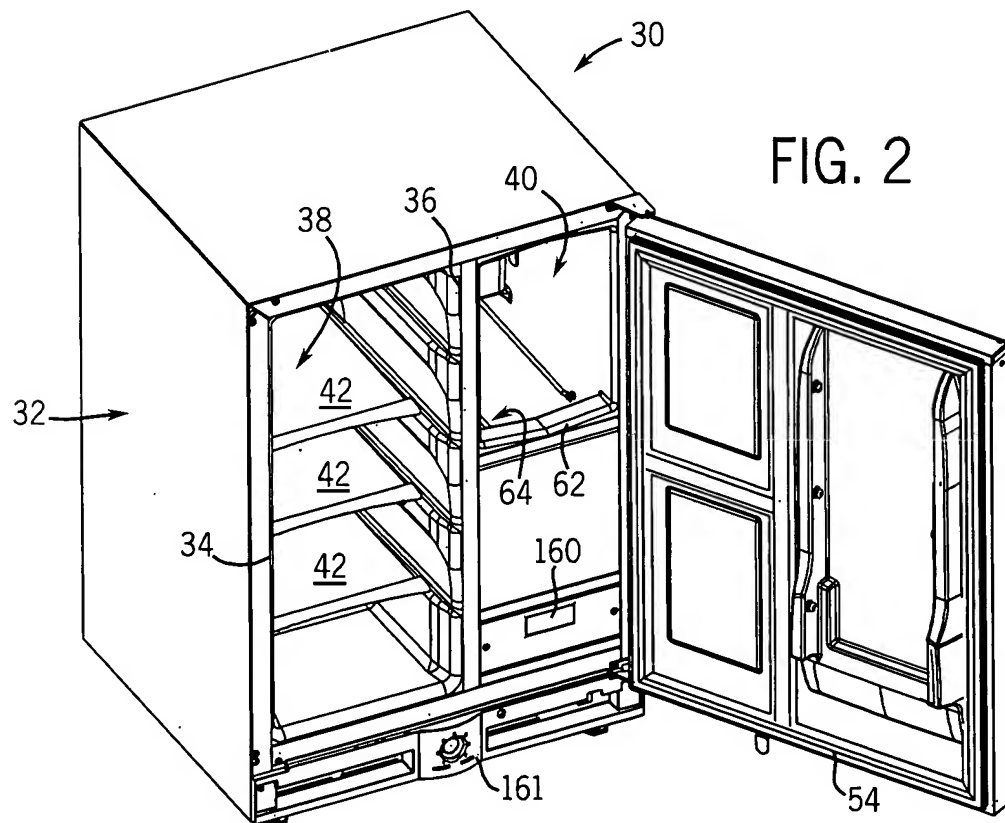
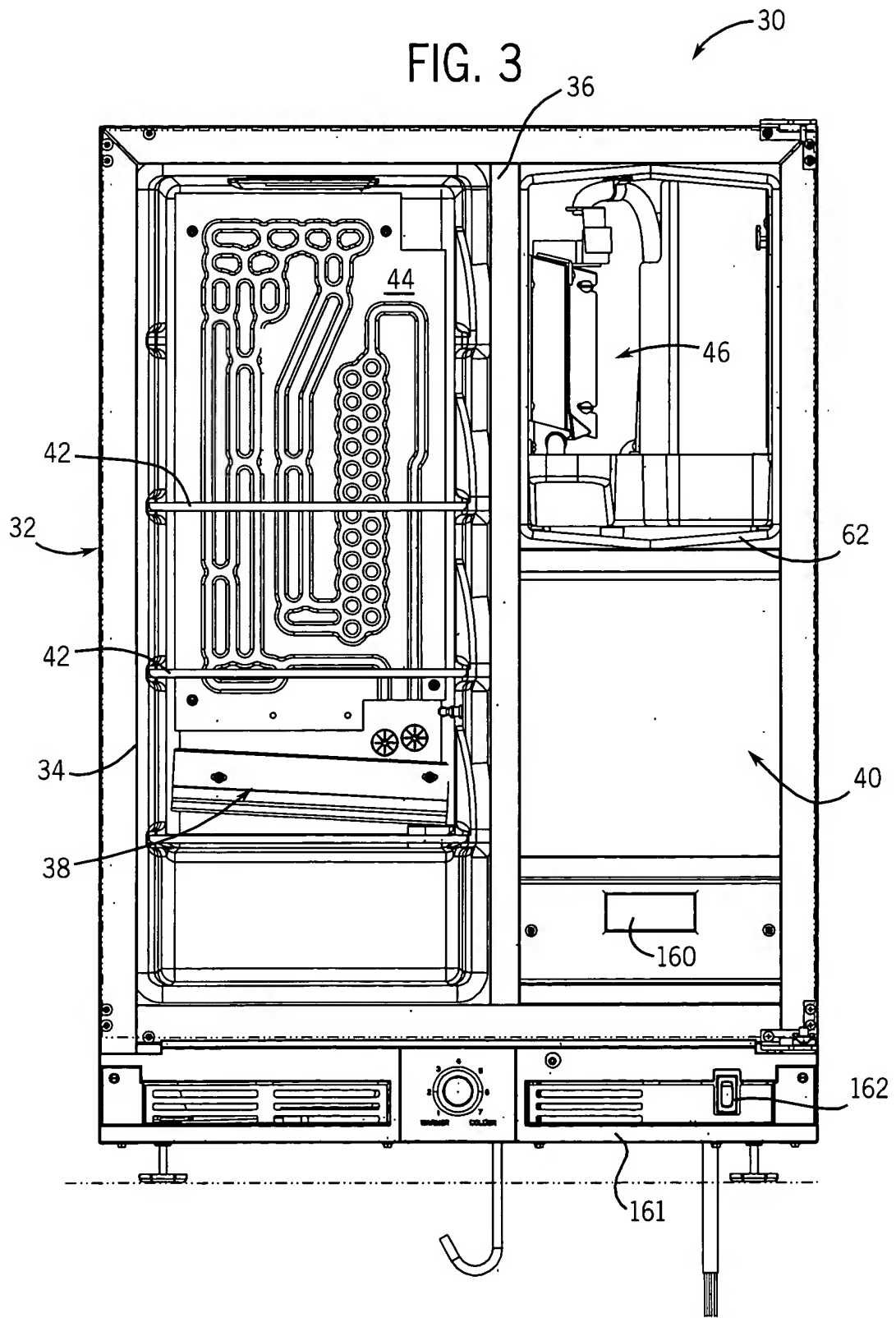


FIG. 2

FIG. 3



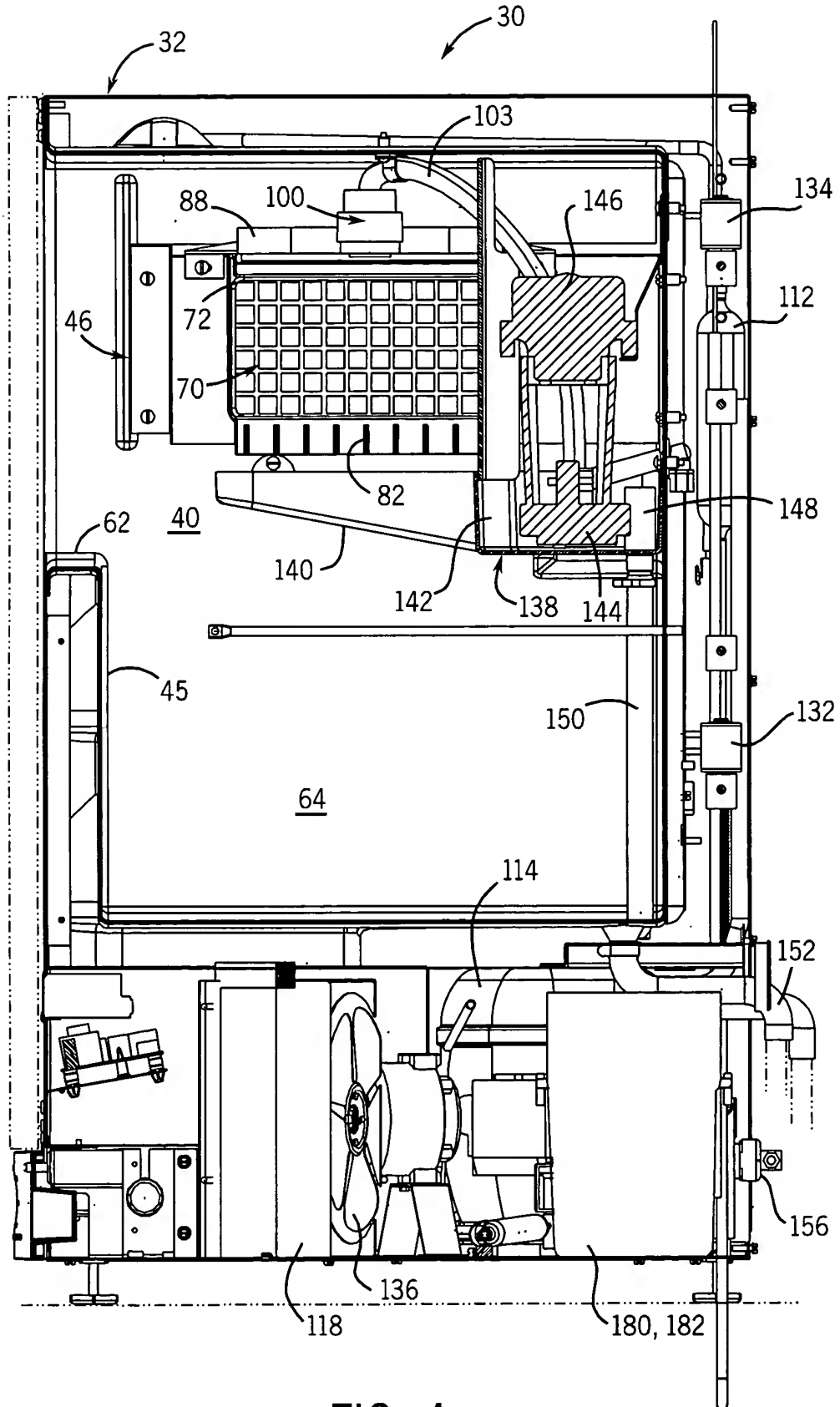


FIG. 4

FIG. 5A

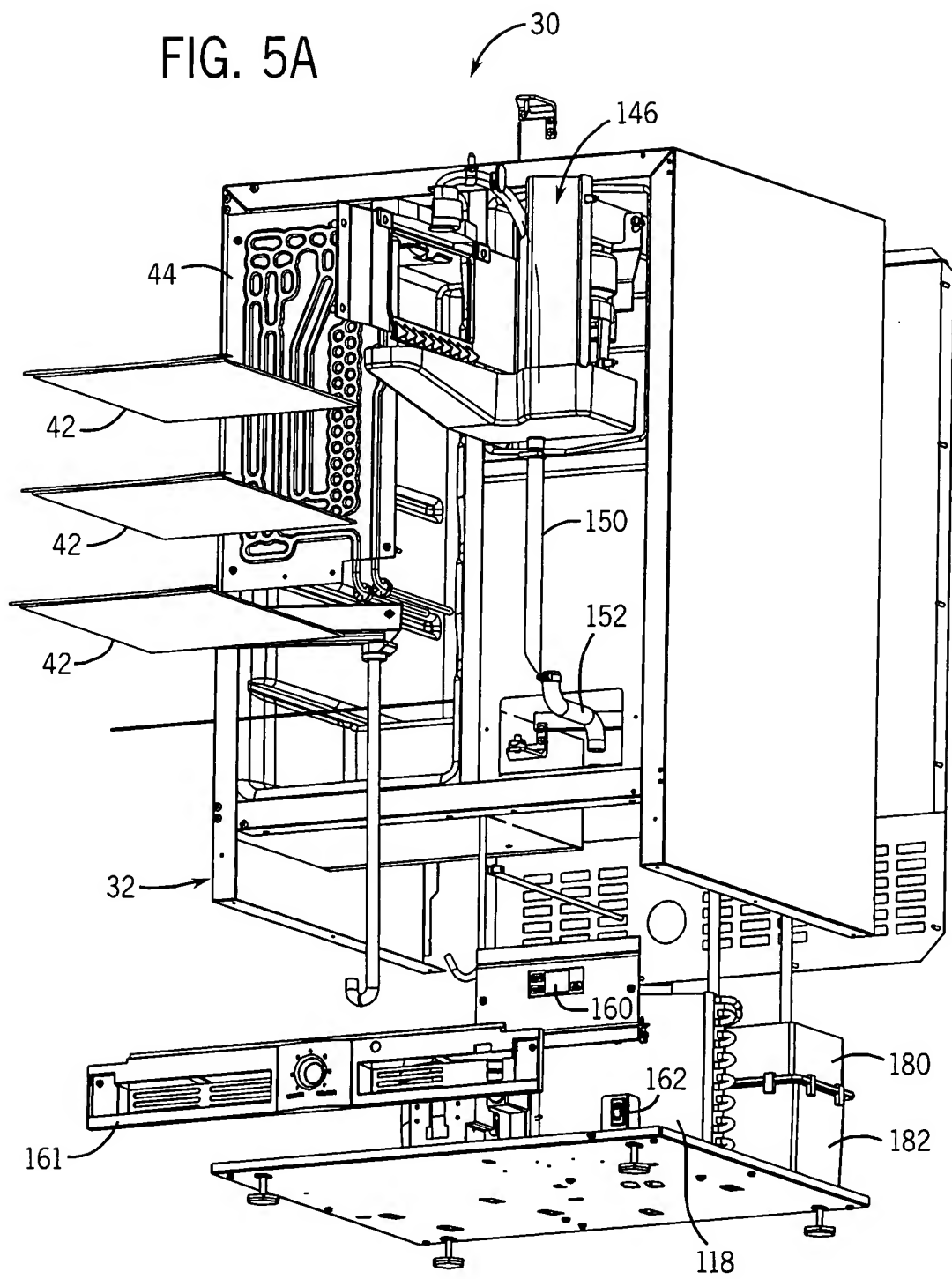
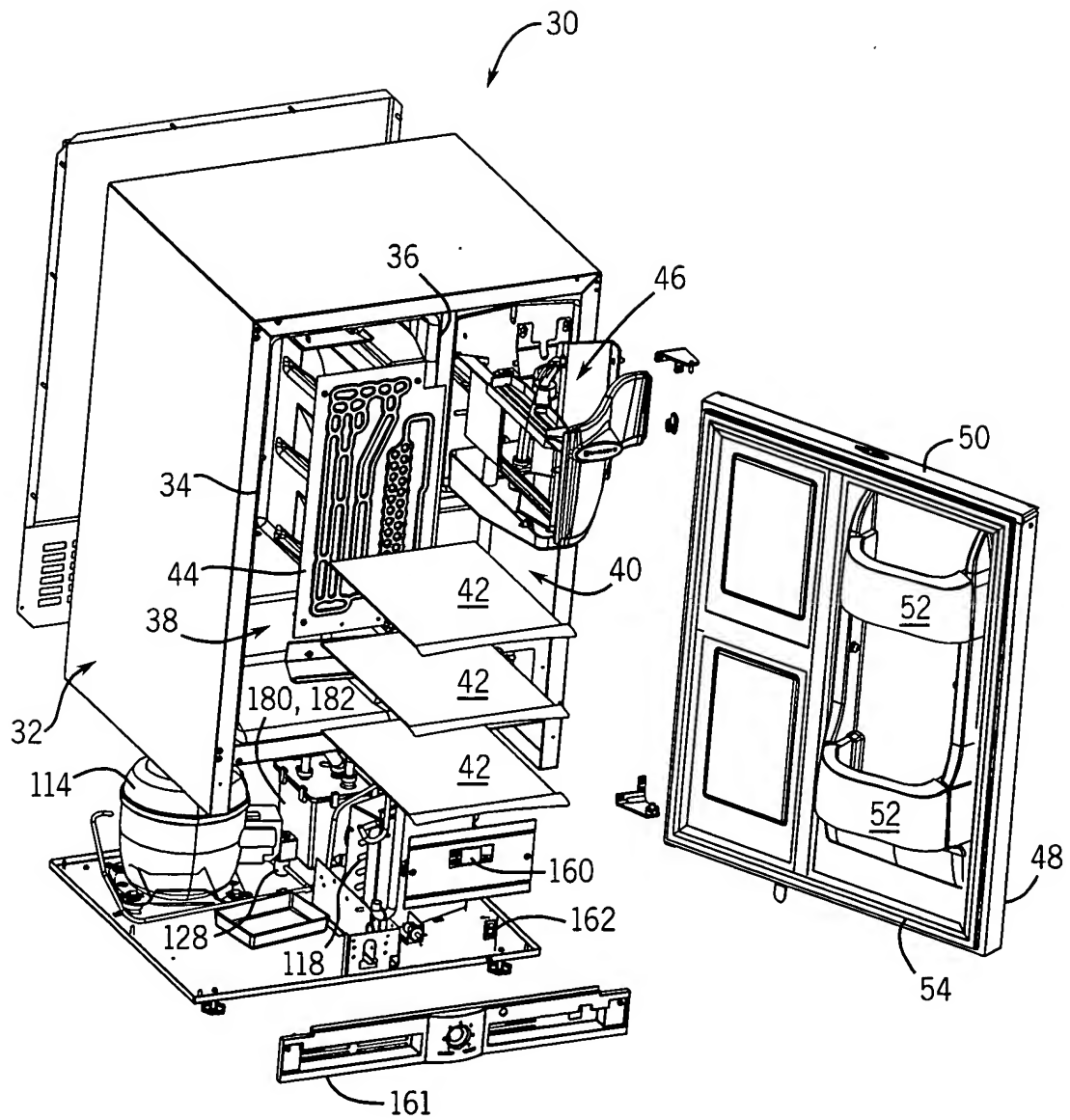


FIG. 5B



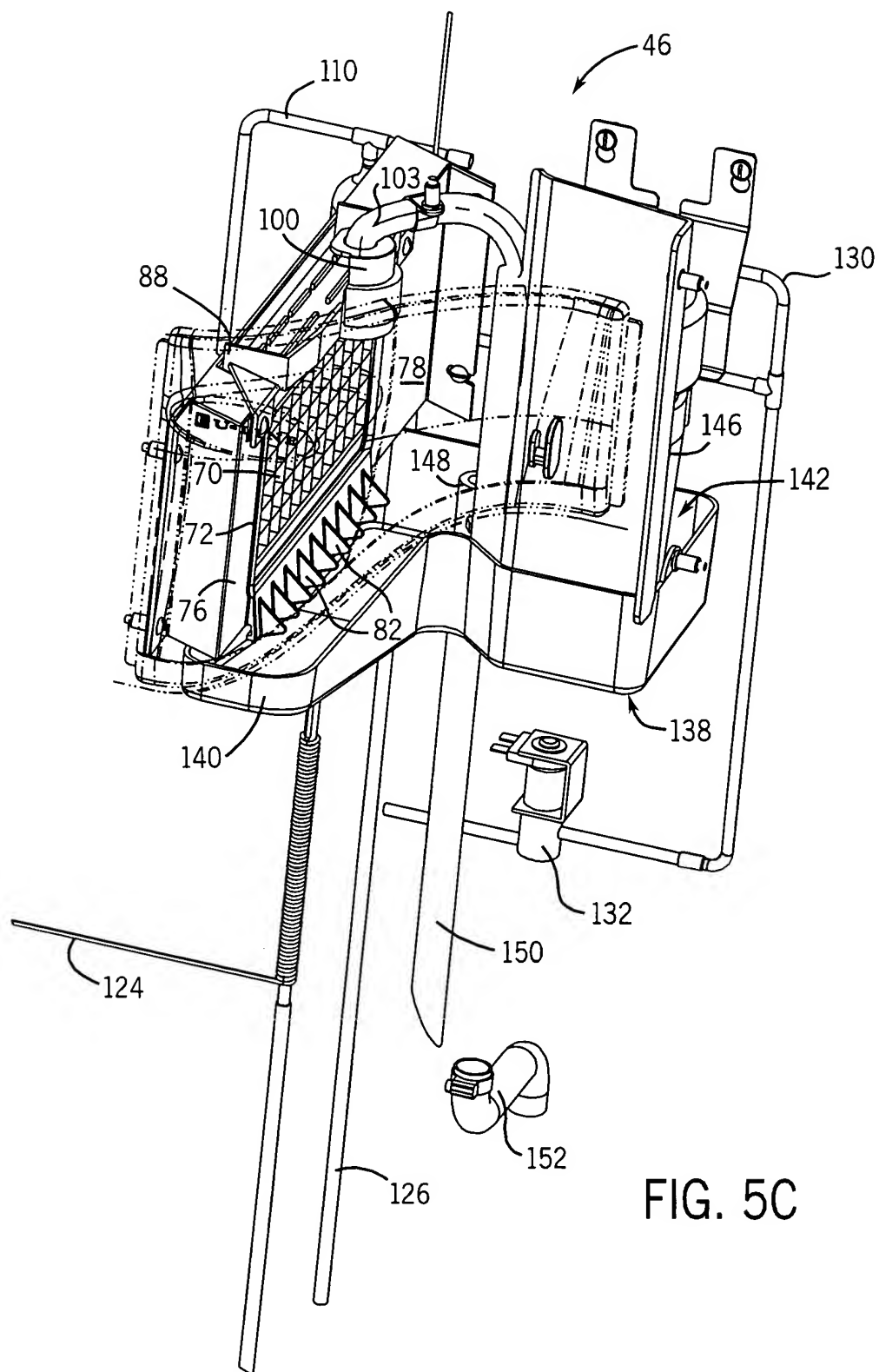


FIG. 5C

FIG. 5D

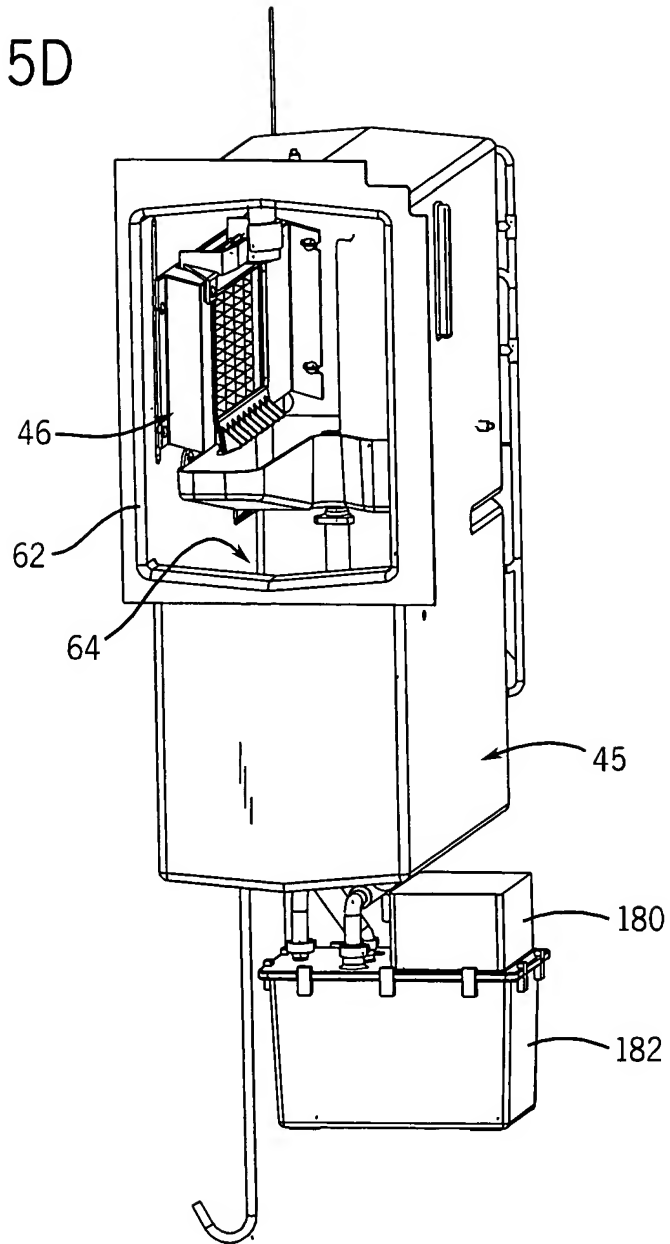
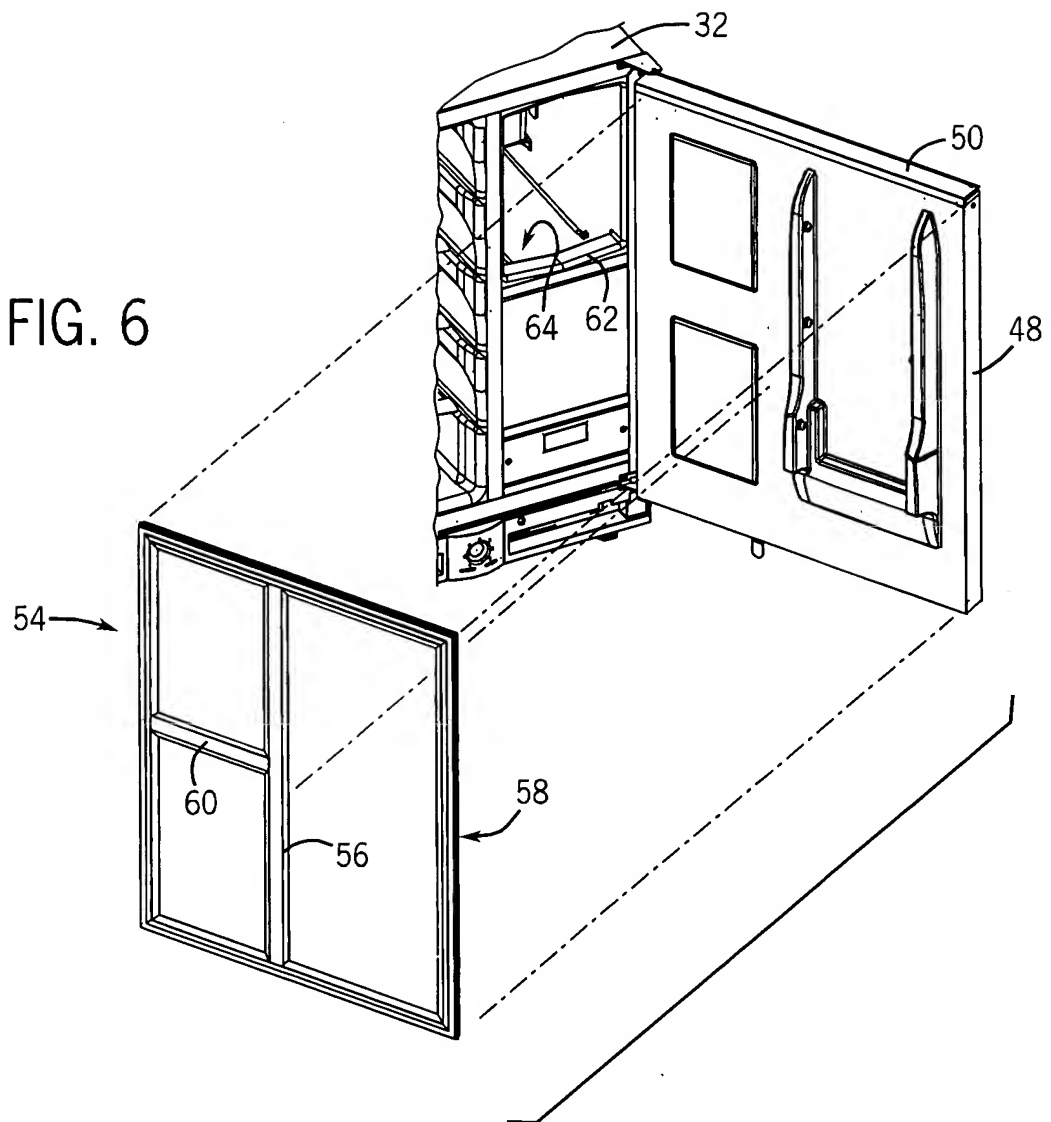


FIG. 6



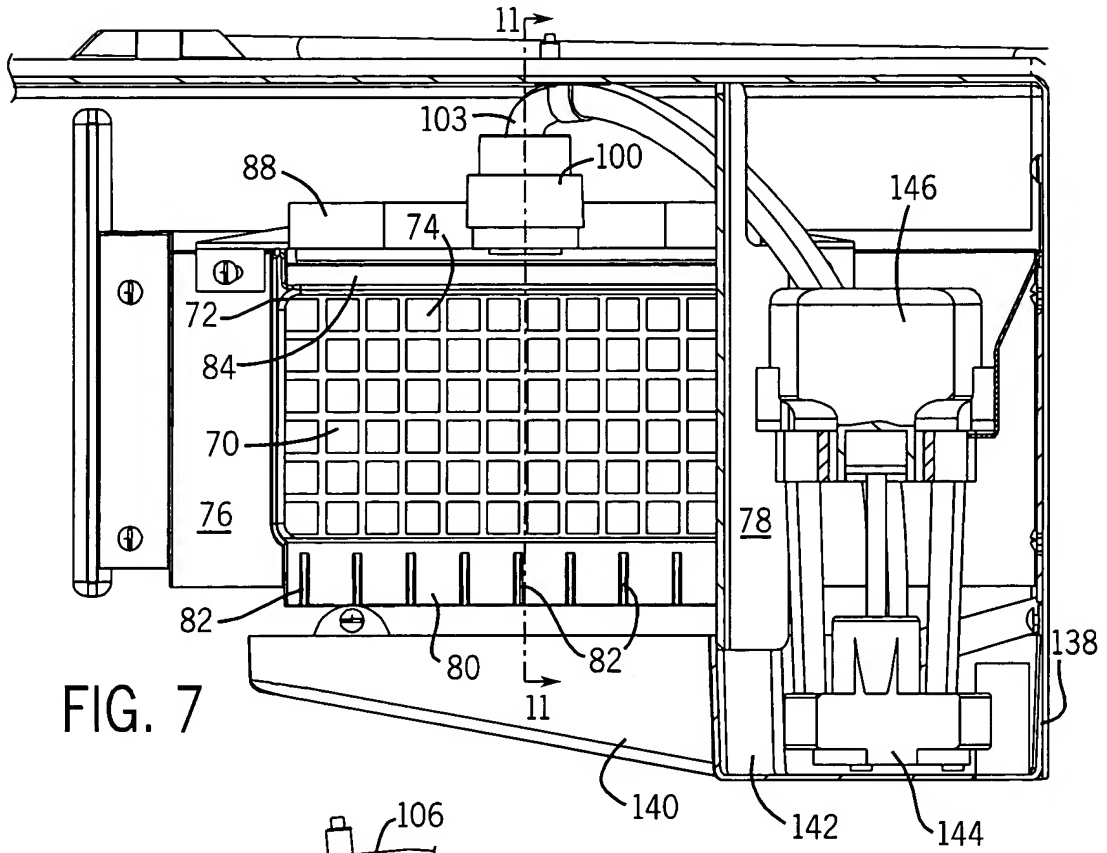


FIG. 7

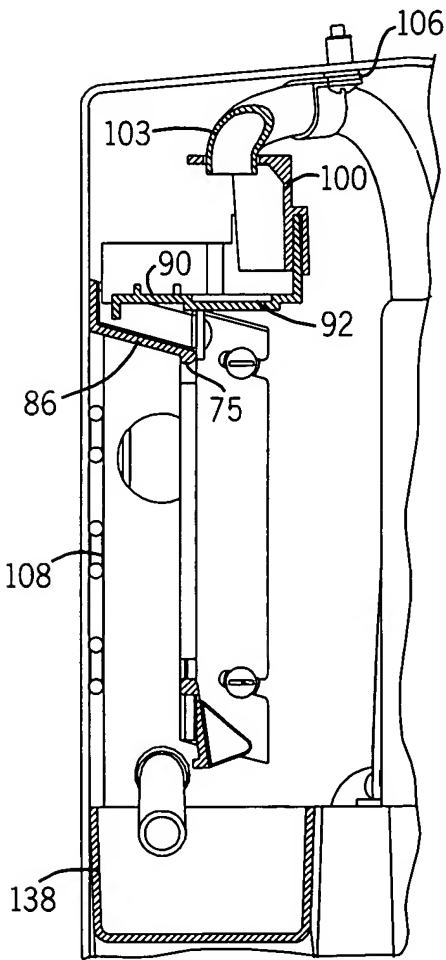


FIG. 11

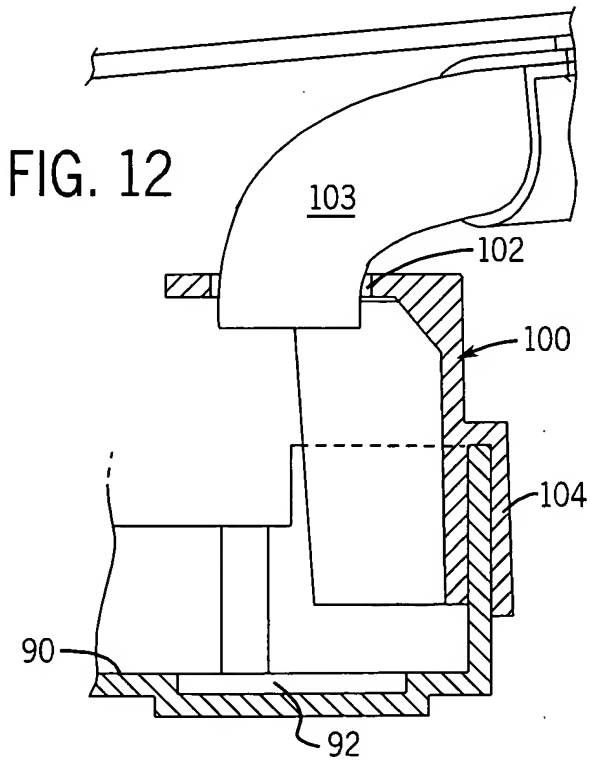


FIG. 12

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FIG. 8

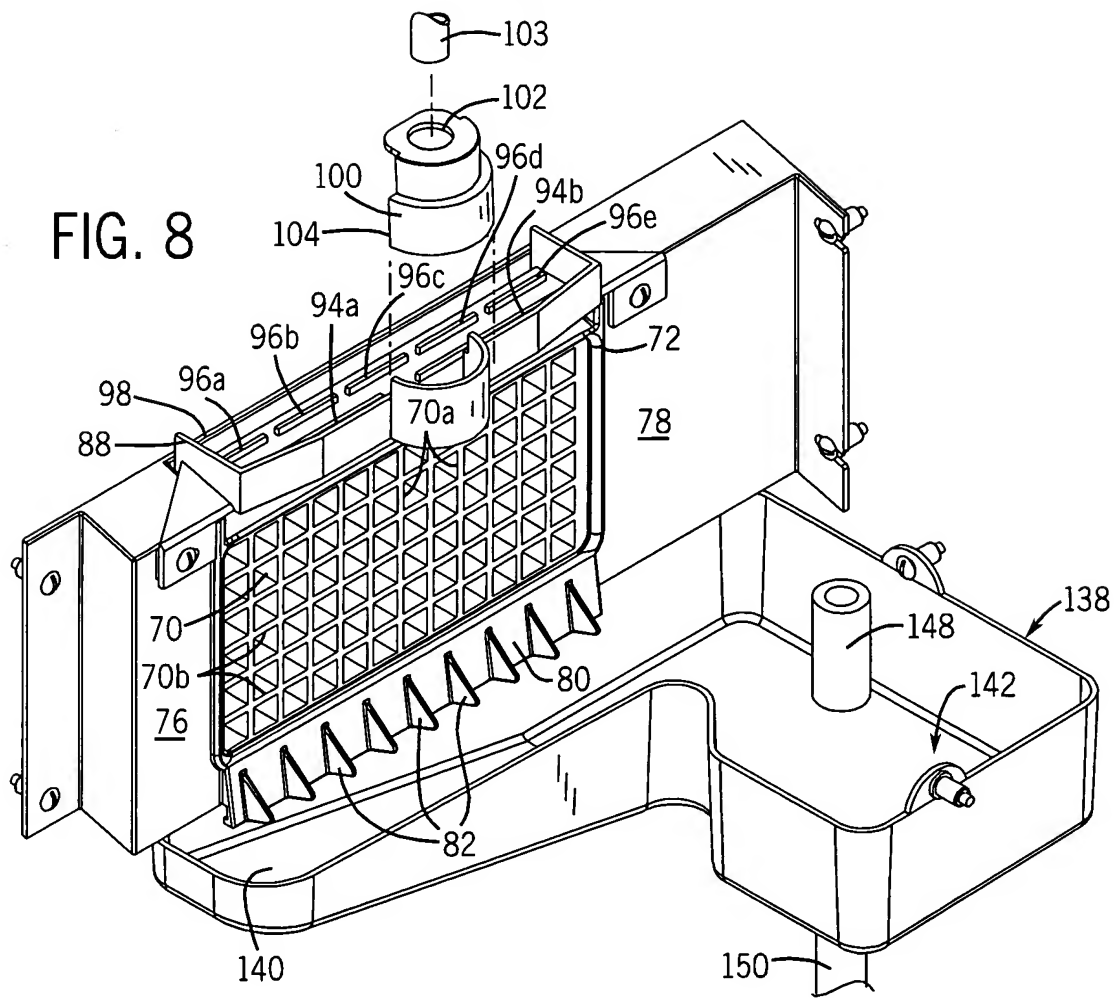


FIG. 9

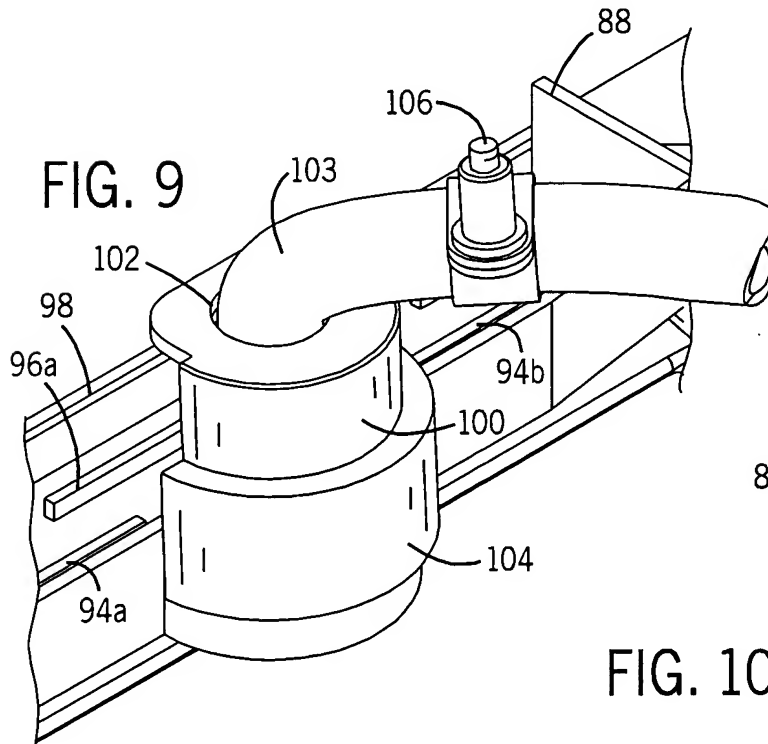
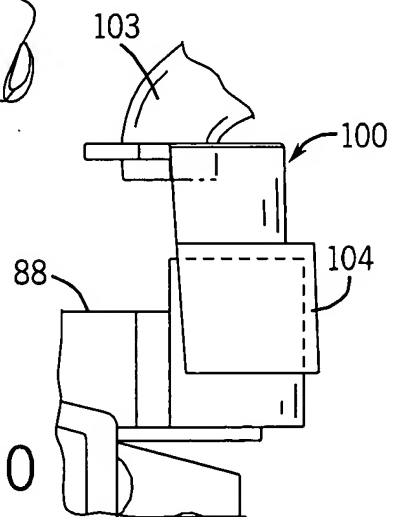
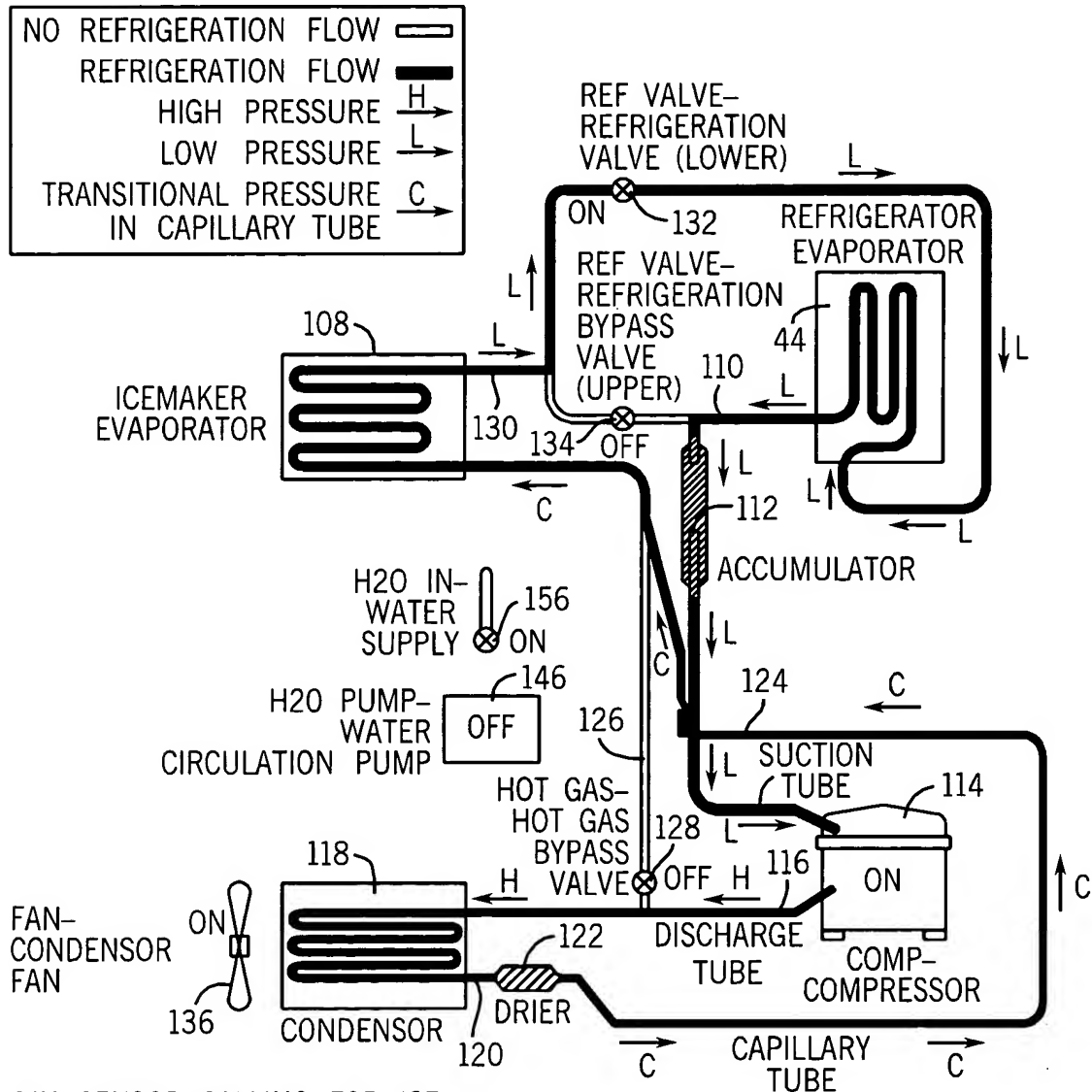


FIG. 10



MODE: WATER FILL WITH REFRIGERATION REQUIRED
(NOTE: NORMAL START-UP WITH A WARM REFRIGERATOR)



BIN SENSOR: CALLING FOR ICE
REFRIGERATOR SENSOR: CALLING FOR COOLING
LIQUID LINE SENSOR: NOT APPLICABLE

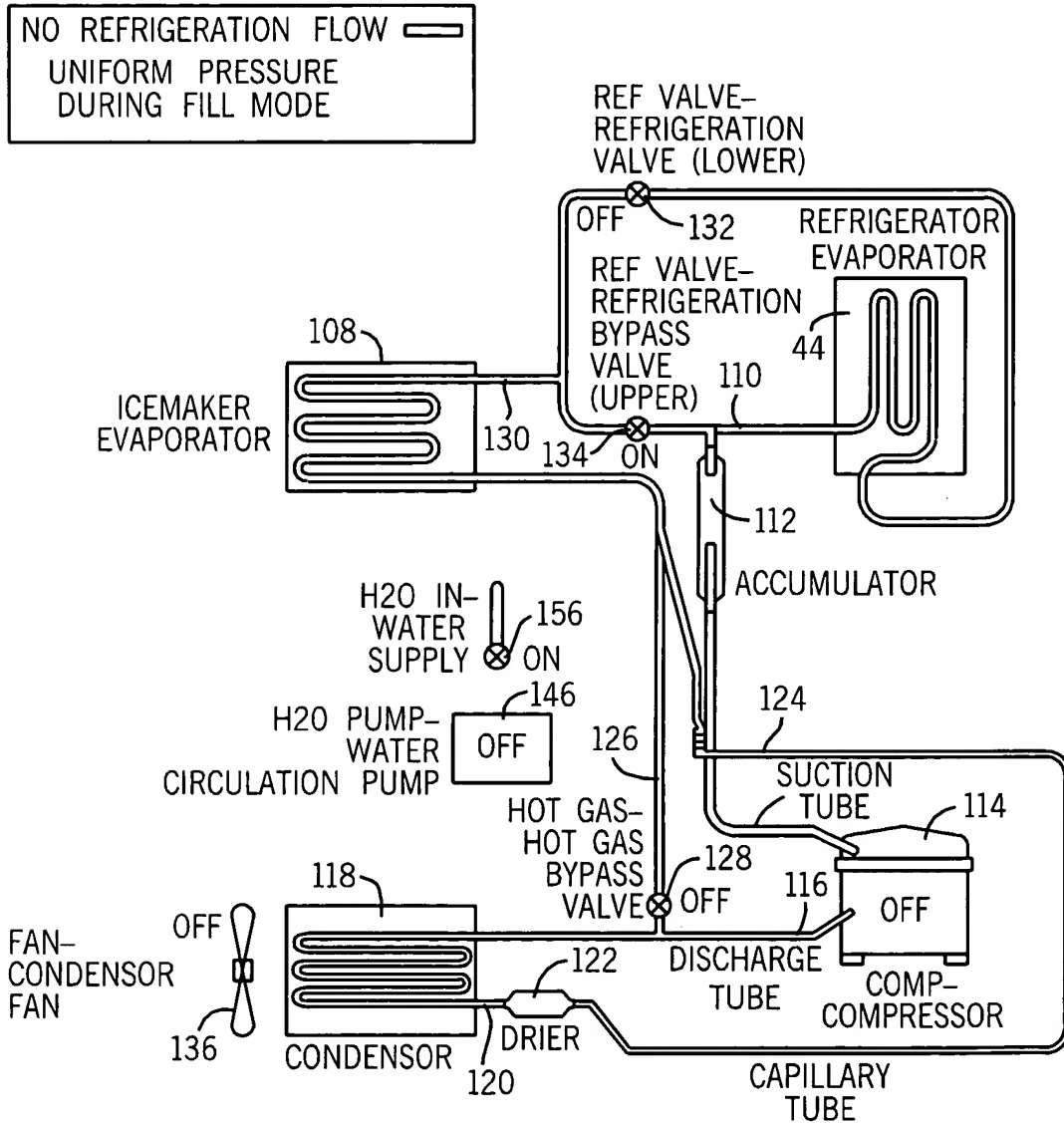
RELAY	COMP	H2O IN	REF VALVE*	FAN	H2O PUMP	HOT GAS
STATUS	ON	ON	ON	ON	OFF	OFF

*DOUBLE THROW RELAY: OFF: REF VALVE CLOSED, REF BY-PASS VALVE OPEN

NOTE: THE REFRIGERATOR WILL CONTINUE TO RUN UNTIL THE COMPLETION OF THE THREE MINUTE FILL CYCLE REGARDLESS OF THE REFRIGERATOR SENSOR

FIG. 13

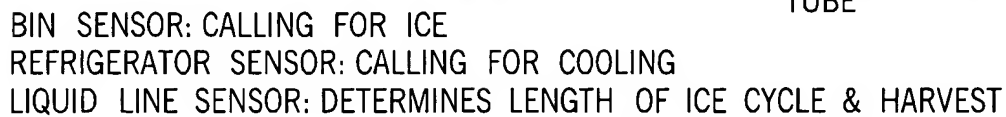
MODE: WATER FILL- NO REFRIGERATION REQUIRED



RELAY	COMP	H2O IN	REF VALVE*	FAN	H2O PUMP	HOT GAS
STATUS	OFF	ON	OFF	OFF	OFF	OFF

*DOUBLE THROW RELAY: OFF: REF VALVE CLOSED, REF BY-PASS VALVE OPEN

FIG. 14

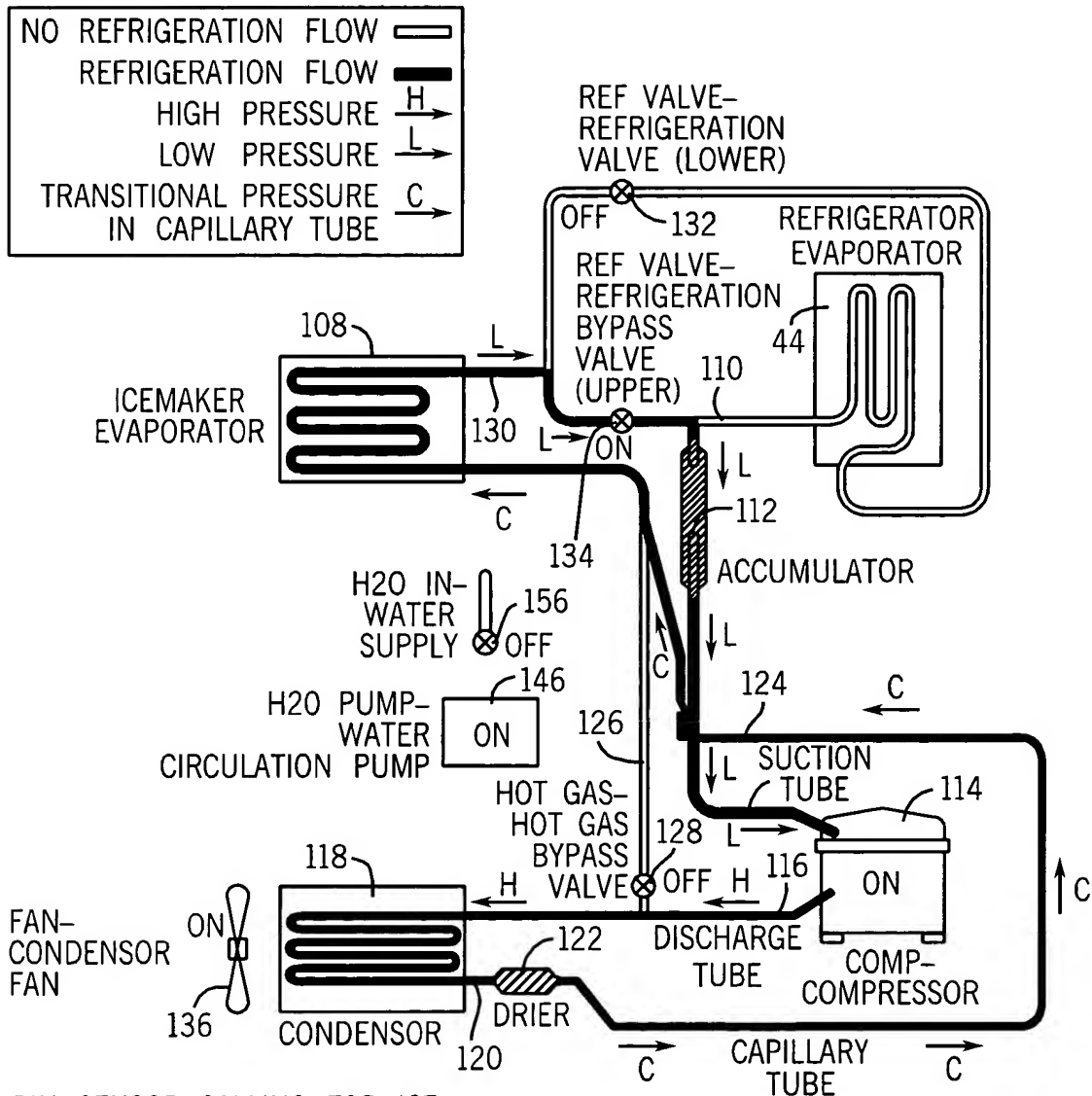


RELAY	COMP	H2O IN	REF VALVE ²	FAN	H2O PUMP	HOT GAS
STATUS	ON	OFF	ON	ON	ON	OFF

FIG. 15

FIG. 15

MODE: ICE MAKING AND NO REFRIGERATION

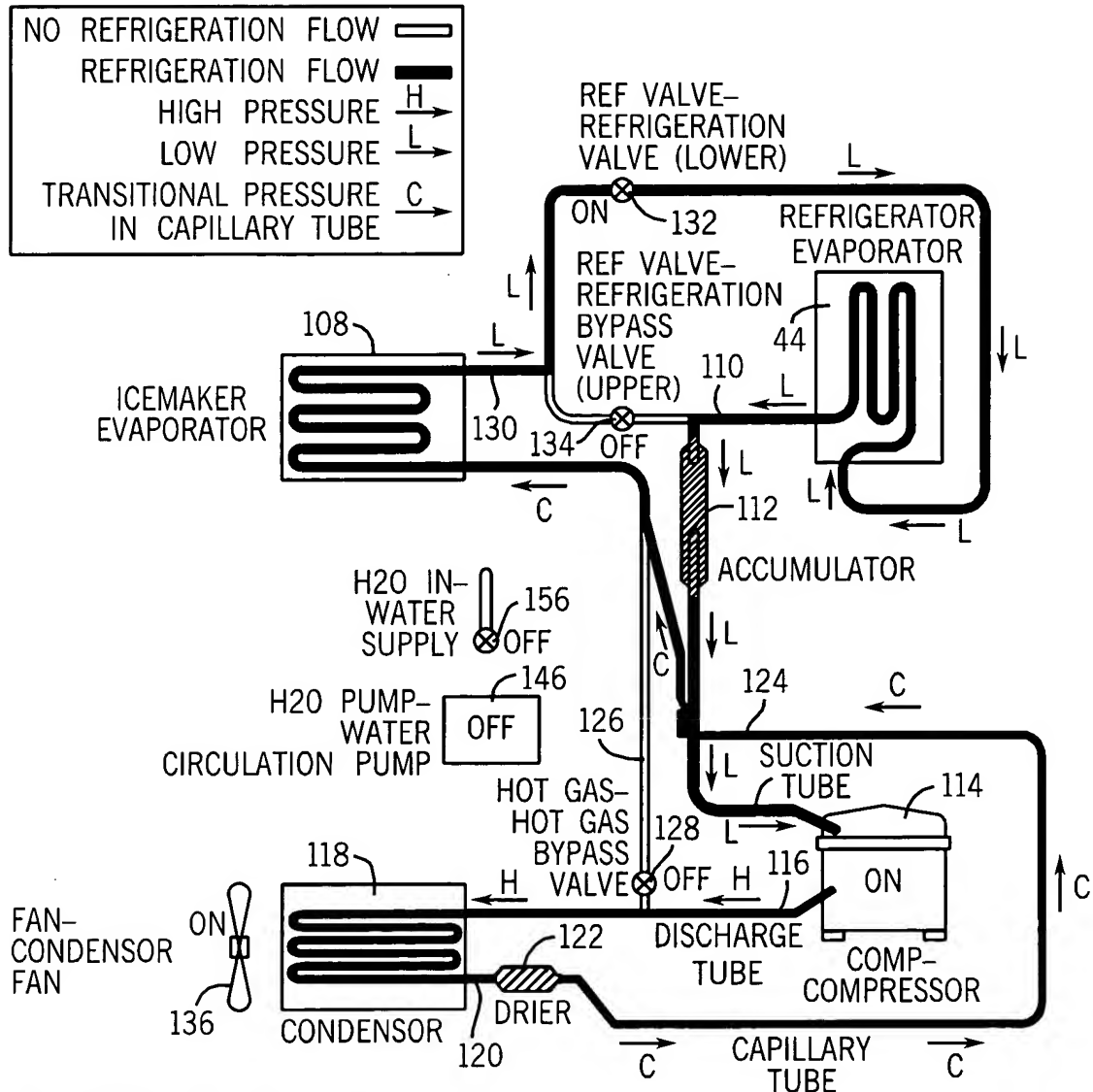


RELAY	COMP	H2O IN	REF VALVE*	FAN	H2O PUMP	HOT GAS
STATUS	ON	OFF	OFF	ON	ON	OFF

*DOUBLE THROW RELAY: OFF: REF VALVE CLOSED, REF BY-PASS VALVE OPEN

FIG. 16

MODE: REFRIGERATION AND NO ICE MAKING



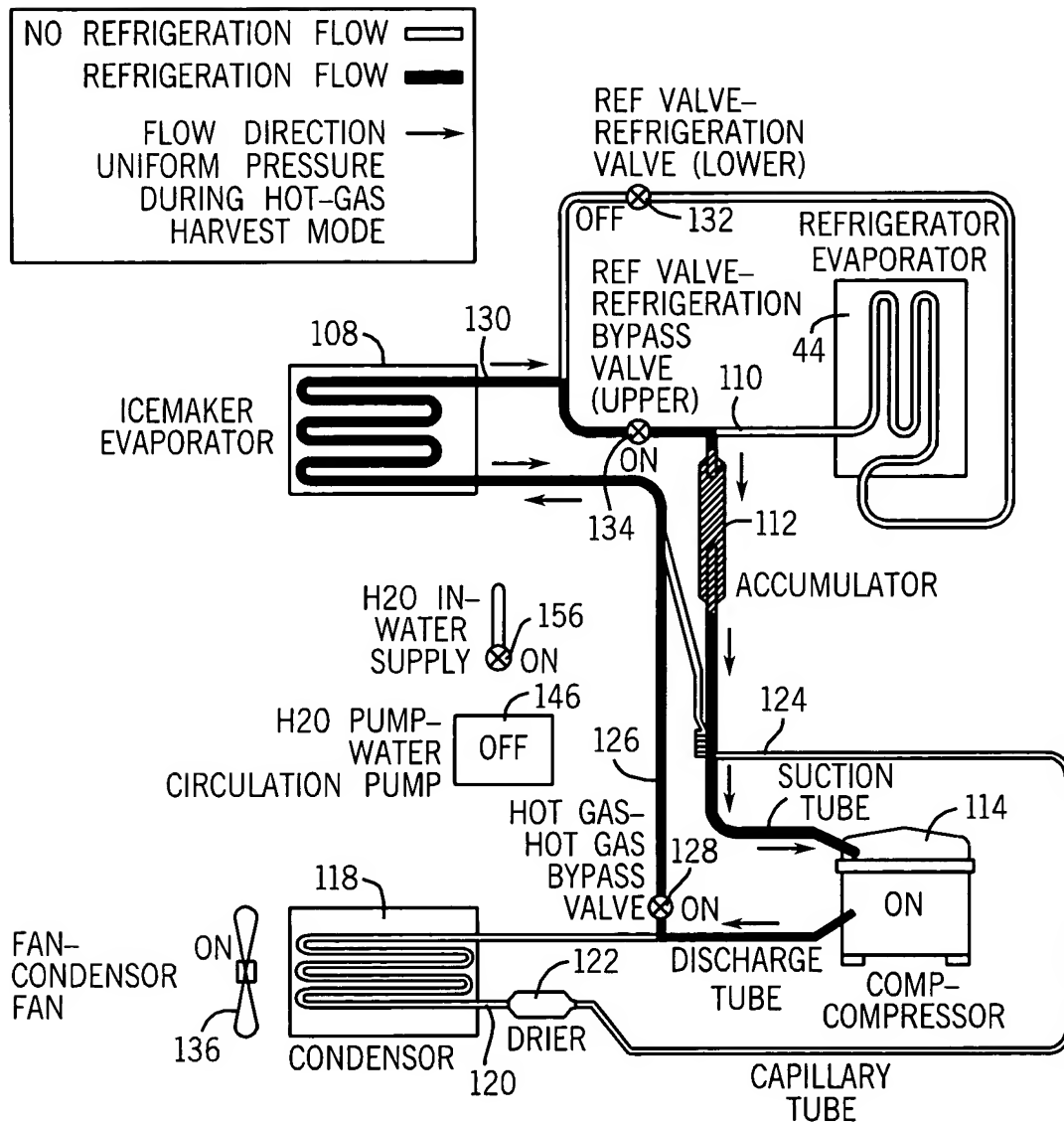
BIN SENSOR: SATISFIED-BIN FULL
 REFRIGERATOR SENSOR: CALLING FOR COOLING
 LIQUID LINE SENSOR: NOT APPLICABLE

RELAY	COMP	H2O IN	REF VALVE*	FAN	H2O PUMP	HOT GAS
STATUS	ON	OFF	ON	ON	OFF	OFF

*DOUBLE THROW RELAY: OFF: REF VALVE CLOSED, REF BY-PASS VALVE OPEN

FIG. 17

MODE: ICE HARVEST (NO REFRIGERATION POSSIBLE)



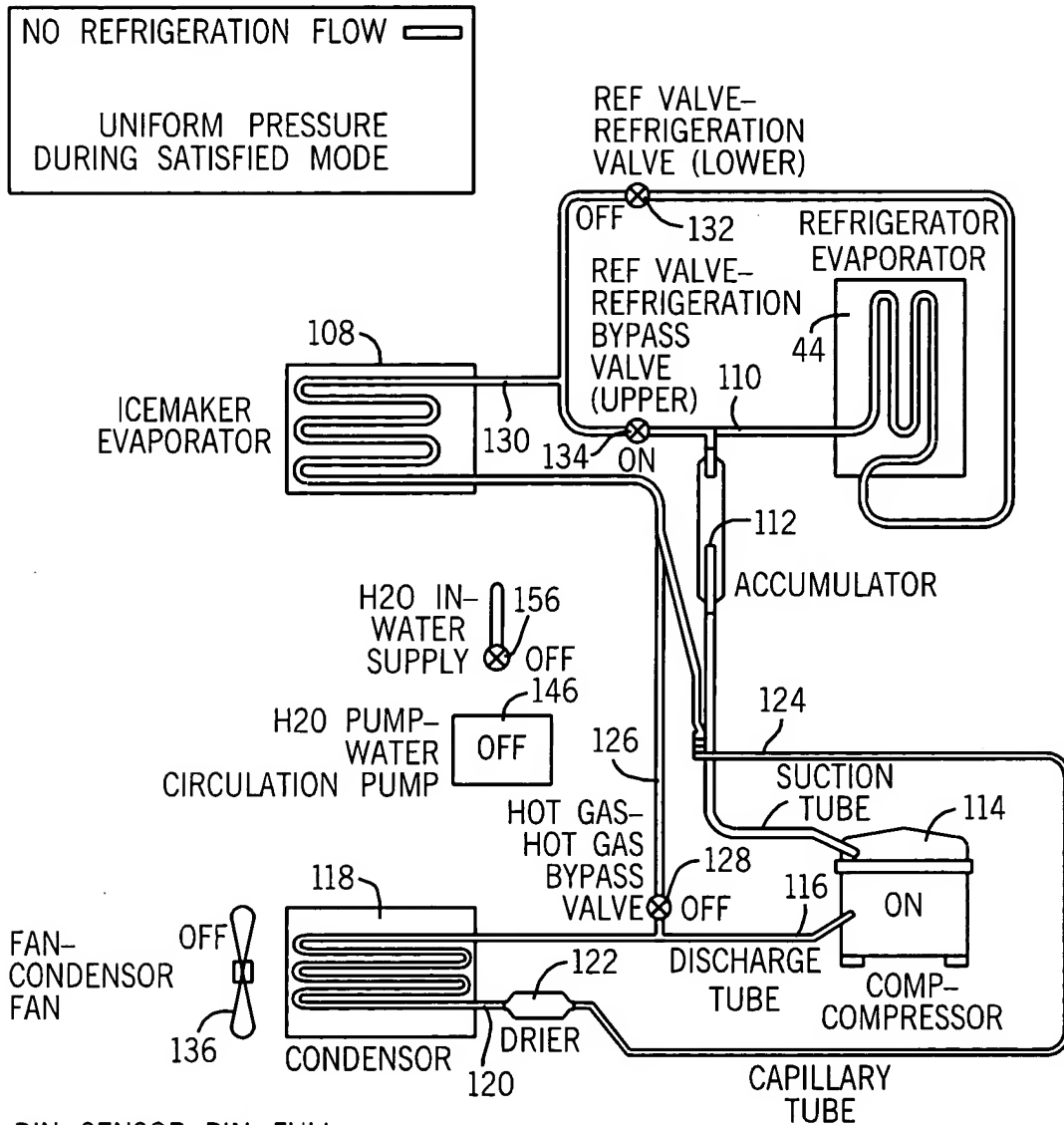
LIQUID LINE SENSOR: DETERMINES LENGTH OF ICE CYCLE & HARVEST

RELAY	COMP	H2O IN	REF VALVE*	FAN	H2O PUMP	HOT GAS
STATUS	ON	ON	OFF	OFF	OFF	ON

*DOUBLE THROW RELAY: OFF: REF VALVE CLOSED, REF BY-PASS VALVE OPEN

FIG. 18

MODE: ALL SATISFIED



BIN SENSOR: BIN FULL

REFRIGERATOR SENSOR: SATISFIED (NO CALL FOR COOLING)

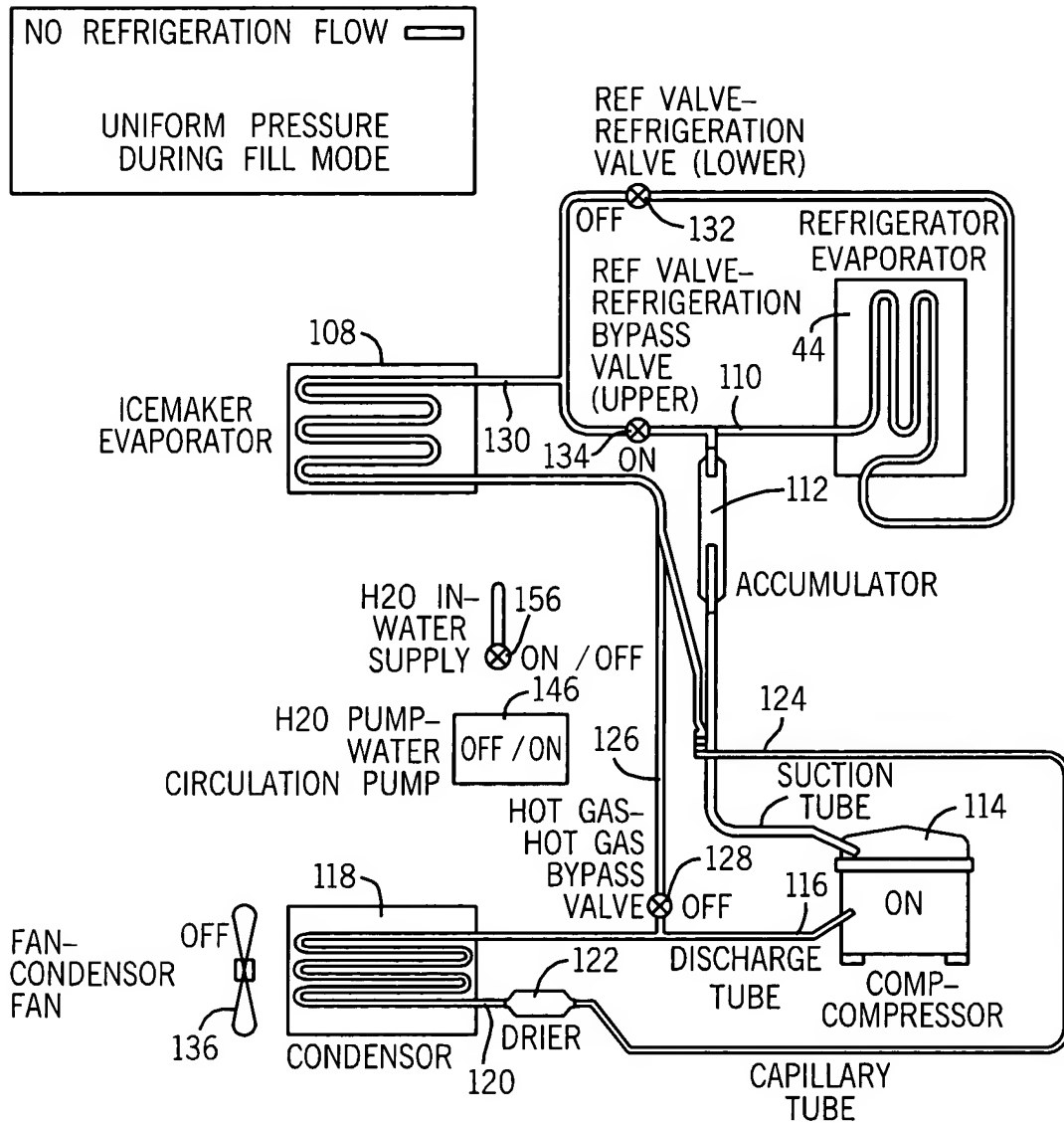
LIQUID LINE SENSOR: NOT APPLICABLE

RELAY	COMP	H2O IN	REF VALVE*	FAN	H2O PUMP	HOT GAS
STATUS	OFF	OFF	OFF	OFF	OFF	OFF

*DOUBLE THROW RELAY: OFF REF VALVE CLOSED, REF BY-PASS VALVE OPEN

FIG. 19

MODE: CLEANING (NO REFRIGERATION POSSIBLE)



RELAY	COMP	H2O IN	REF VALVE*	FAN	H2O PUMP	HOT GAS
STATUS	OFF	ON / OFF	OFF	OFF	OFF / ON	OFF

*DOUBLE THROW RELAY: OFF REF VALVE CLOSED, REF BY-PASS VALVE OPEN

FIG. 20

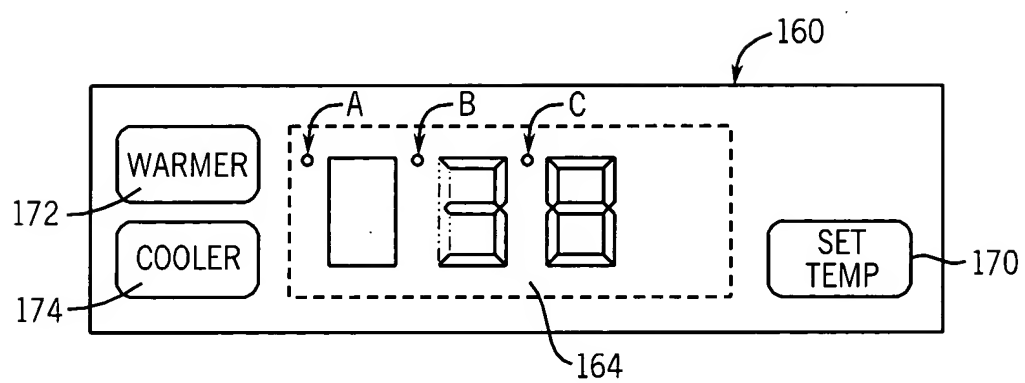


FIG. 21